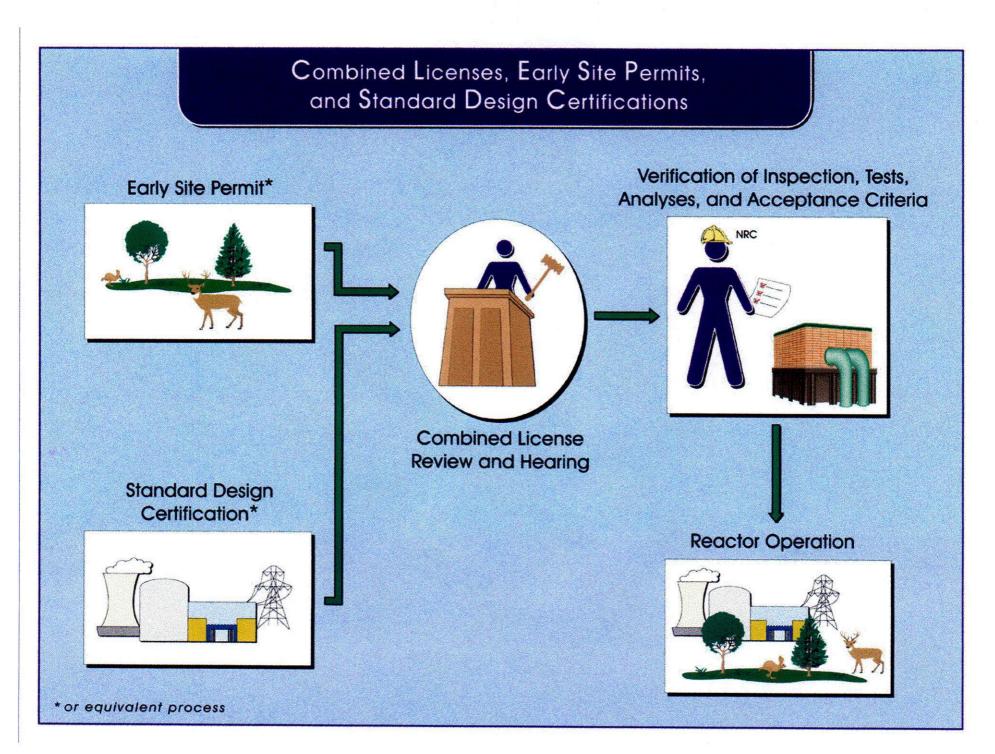


Who is the U.S. Nuclear Regulatory Commission?

- Independent agency
- Experienced regulator
- Mission: protect health, safety, and the environment
- Regulates commerical nuclear reactor activities

What is NRC's Role at the Grand Gulf Site?

- Set rules that:
 - Protect public and workers safety
 - Are consistent with U.S. Federal laws and regulations
- Implements Two Step Licensing Process for new reactors



How Will NRC Carry Out Its Role?

- Review all information objectively
- Make open decisions based on the facts
- Maintain an open public process



Early Site Permits

Ronaldo Jenkins
New Reactor Licensing Project Office
Nuclear Regulatory Commission

November 14, 2002

Introduction

- Early Site Permit Review Process
- Schedule
- Questions and Answers
- Public Participation
- Questions and Answers

What is an Early Site Permit?

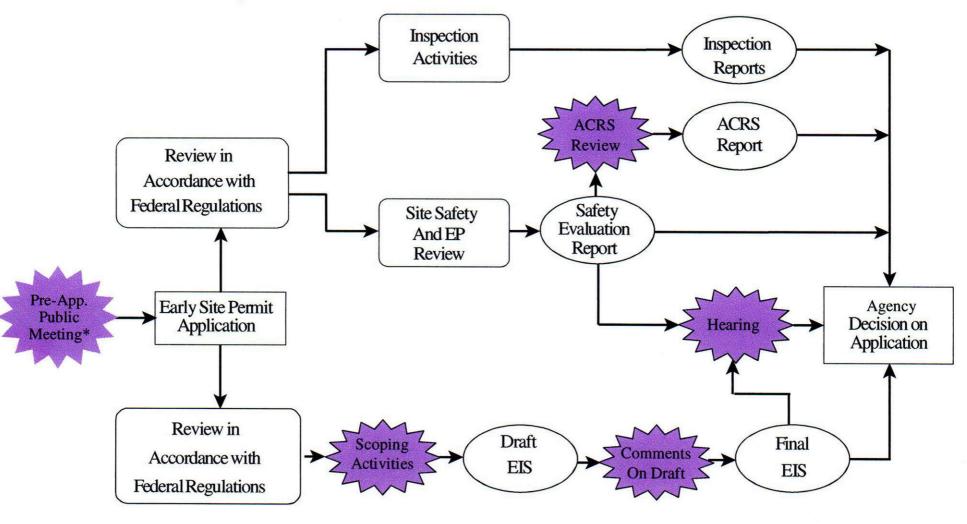
An NRC decision that ensures that the proposed site is suitable if a nuclear power plant is constructed and protects:

- Public health and safety
- Environment

Why does an Applicant Want an ESP?

- Reduce licensing uncertainty
- Resolve siting issues resolved prior to construction
- Allow an applicant to "bank" a site
- Provide regulatory stability for next 10-20 years

Early Site Permit Review Process



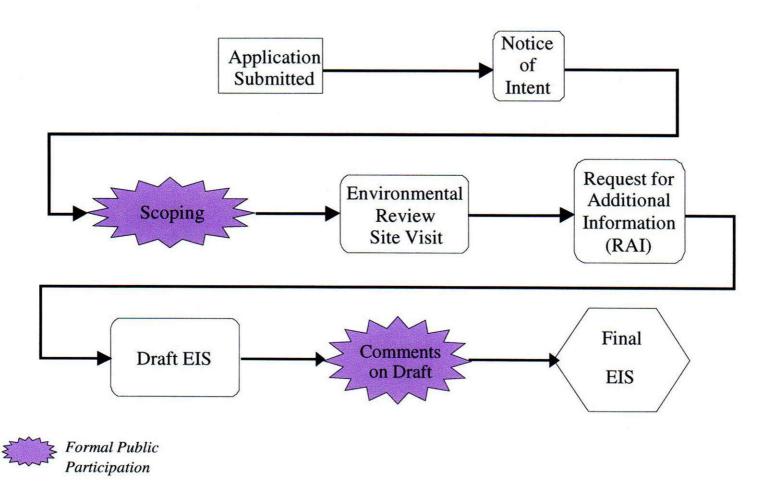


* Not required

National Environmental Policy Act

- Early Site Permit is considered a major federal action
- Environmental Impact Statement (EIS) is required for major federal actions
- NEPA requires a systematic approach to consider environmental impacts

Environmental Review Process



Areas Reviewed

- Surface water quality, hydrology, & use
- Aquatic ecology
- ► Ground-water use & quality
- ► Threatened or endangered species
- Air quality
- Land use
- Uranium fuel cycle & waste management



Areas Reviewed (continued)

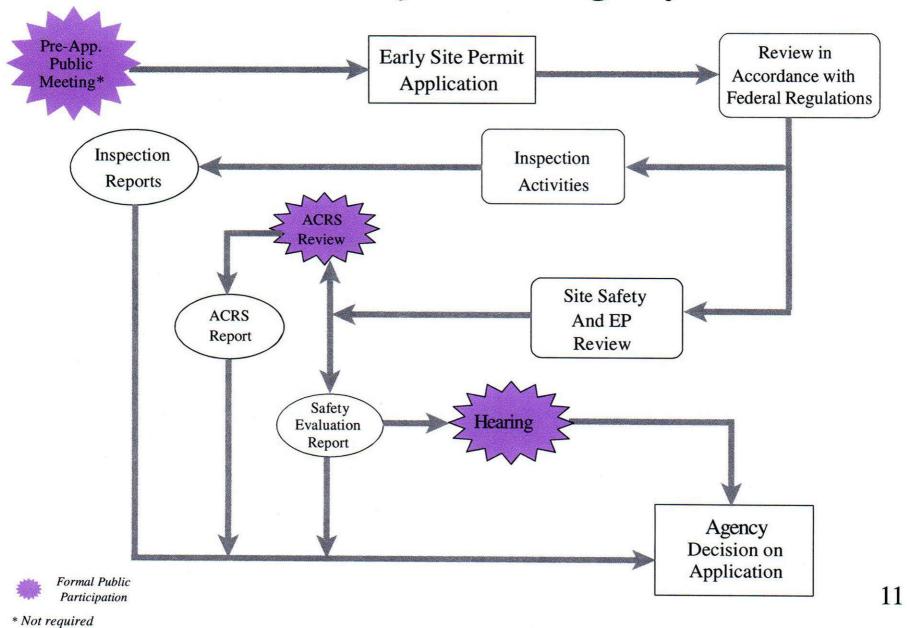
- ► Human health
- Socioeconomics
- Postulated accidents
- Decommissioning
- ► Environmental justice
- ► Alternative Sites



Issues Not Considered In ESP Environmental Review

- Need for power
- Cost of power
- Spent fuel disposal (except for transportation)

Site Safety and Emergency



Site Safety and Emergency Preparedness Review Process

- Site Safety review
 - Site visit
 - Layout and characteristics
 - Data gathering
 - Application and other related information

Site Safety and Emergency Preparedness Review Process

- Site Safety review
 - Seismology
 - Geology
 - Hydrology
 - Meteorology
 - Geography
 - Demography (population distribution)
 - ▶ Site Hazards Evaluation

Site Safety and Emergency Preparedness Review Process

- Emergency Preparedness review
 - Site visit
 - Physical impediments
 - Population distribution
 - Transportation routes
 - Proposed emergency plan or other information
 - Federal Emergency Management Agency (FEMA)

Application Schedule

- Grand Gulf (MS) June 2003
- Clinton (IL) June 2003
- North Anna (VA) September 2003

Agency decision expected30 months after application receipt

Public Involvement

- Pre-application public meeting at site
- Public interation during environmental review
 - Comment periods
 - Public meetings
- Technical meetings

Public Involvement (continued)

- Atomic Safety Licensing Board hearing
 - Opportunity to participate provided
- Advisory Committee on Reactor Safeguards
 - Independent review
 - Advises Commission
 - Public meetings

Where Can I Find the Results?

- Safety Evaluation Report
- Environmental Impact Statement
- Meeting Summaries
- Inspection Reports

Point of Contact

Agency points of contact:

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 Documents located can be viewed at NRC's Web site (www.nrc.gov)